



# Roundtable Discussion: Improving Post-Collision Outcomes

Approach to solving traffic accidents in Slovak Republic by Fire and Rescue Corps

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# Fire and Rescue Corps

- Part of the Ministry of Interior
- uniformly organised, professionally administered, formed according to subordination and superiority principles
- one of the elementary emergency services of Integrated Rescue System + EMS, + Police



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# Tasks

Provides:

- **firefighting, rescue operations in case of accidents, natural disasters and other emergencies**
- **assistance in case of menace of human lives and human health, property of legal entities and individuals and environment**
- tasks in the field of education and training,
- tasks of state administration in the field of fire protection
- emergency building removing and ice-berg barriers removing

Is involved:

- Providing other tasks related to Integrated Rescue System
- **paramedical assistance, medical assistance and transport of injured or sick persons**
- elimination of animal infection focuses
- emergency supplying and sheltering of inhabitants
- humanitarian assistance





# LEGISLATION

- **The Fire Protection Act No. 314/2001 Coll. in wording later regulations**
- **The Fire and Rescue Corps Act No. 315/2001 Coll. in wording later regulations**
  - F&RS was established April 1, 2002
- **The Integrated Rescue System Act No. 129/2002 Coll. in wording later regulations**

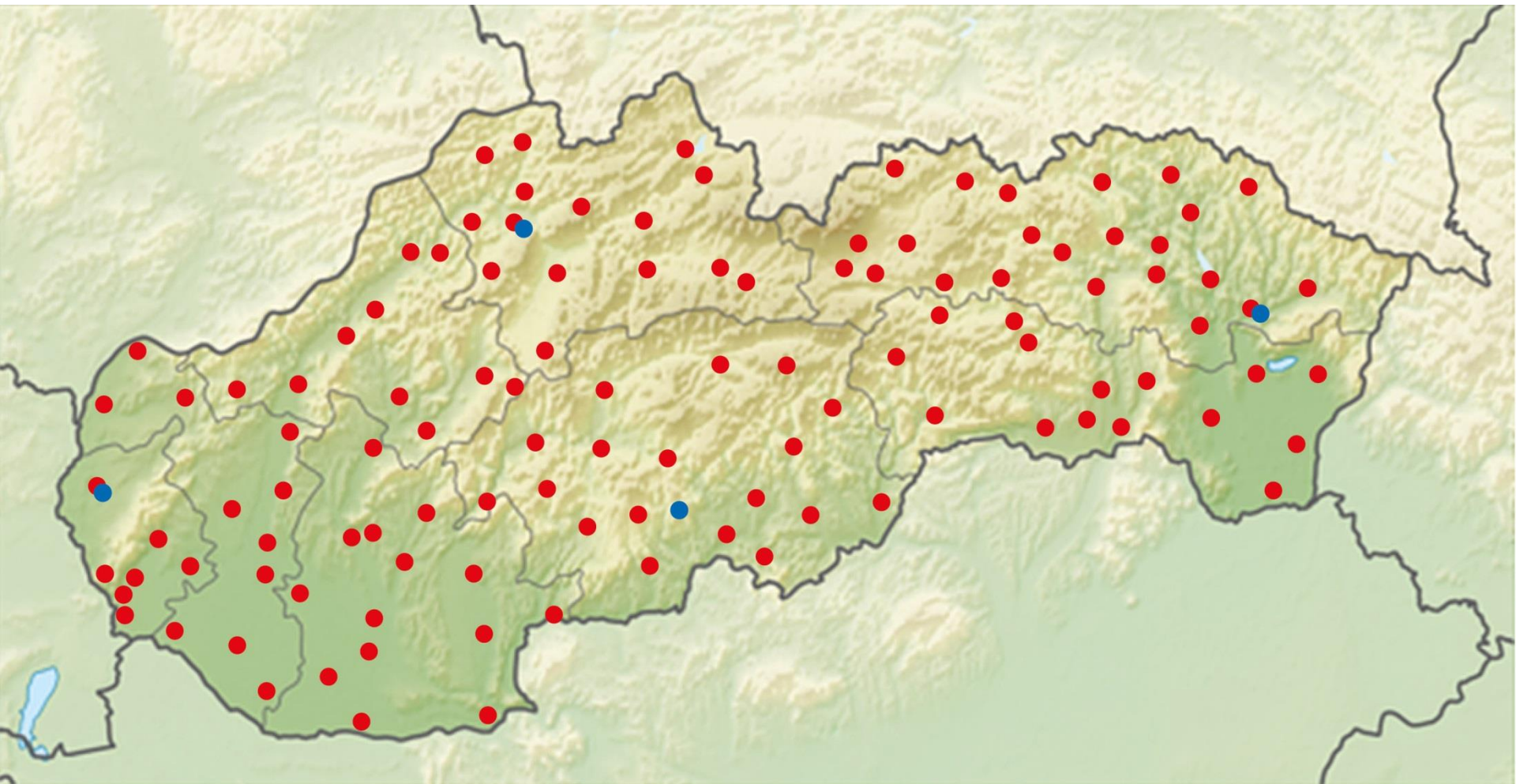


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# Coverage



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# Emergency calls and dispatch centres

- regional (county) level
- Effort to have common centre for receiving emergency calls on emergency lines 150 (FRS), 155 (EMS), 112 (universal and international number for emergency call) – reality almost in all regions, in Prešov also with 158 (Police)
- Our wish – common centre for 112, 150, 155, 158
- Common emergency centre – easier information sharing, possibility for face to face coordination in case of serious incidents – saving the reaction time



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# Emergency calls and dispatch centres

- The same software for 112, 150, 158
- The same GIS for 112, 150, 158
- EMS with own software for command and control,
- In case of mutual response – for immediate info sharing dispatchers using conference calling, assisted monitoring
- 112 is taken together by operators of district office (civil protection), FRS, EMS – 112 system call center
- In case of overwhelming the dispatch centre with emergency calls, there is a two step forwarding the calls
- 1st step – after 10 sec forwarding to twin centre (112, 150, 158)
- 2nd step - forwarding to all eight centres
- For dispatching of FR units are used response plans
- Average time of calling of emergency line 6 sec
- Average time of arriving of FR unit to traffic accident 12 min.



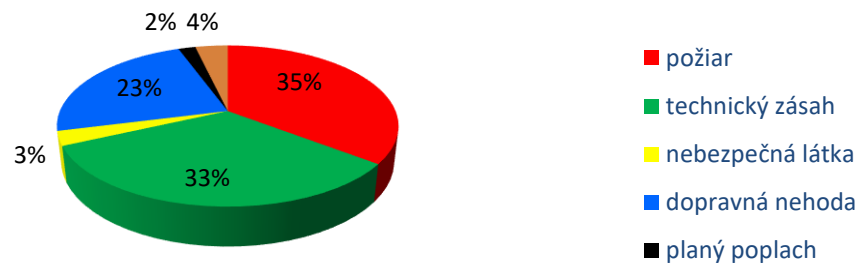
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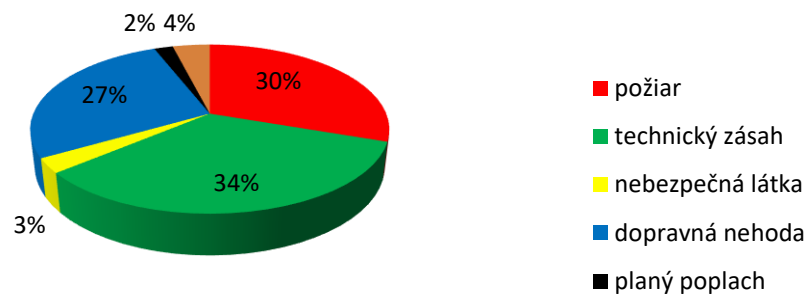


# Statistics of responses of FRC in 2015 and 2016

## Statistics of responses 2015



## Statistics of responses 2016



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# Resources

- 113 common FS (24/7)
- 3 Rescue brigades (24/7) + Training centre + School of FRC
- 4300 Members/3200 operational FF
- All common FS equipped with Fire-Rescue vehicle type 1
- Each county equipped with Fire-Rescue vehicle for heavy rescue (LKW, Bus)
- Rescue brigades + Training centre equipped with cranes, other special equipment



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# Equipment

- The most used vehicle for all types of incidents – „Tool Box“
- Equipment for all types of rescue (HRT, lifting bags, first aid, tools,...) fires (water, foam, PFE, fan...),
- Vehicle is equipped for making safer response (light, stabilisation, traffic, fire, oil + hazmat spill,...)



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# Equipment

- Other vehicles for responses in case of traffic accident
- Vans (HRT, HP pump, lifting bags, first aid,...)
- Light vehicles up to 7,5 t (HRT, HP/LP pump, lifting bags, first aid, generator, winch, hazmat...)



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# Equipment

- All Fire stations are equipped with quads
- Suitable for transport of crew, rescued people, equipment in heavy inaccessible terrain (e.g. traffic jams)
- For fighting fires.
- Possibility to use also in winter conditions



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# Equipment

- Heavy extrication vehicles
- Equiped with stronger HRT, Stabilisation system...
- Cranes are on Rescue brigades + Training centre



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# Ambulances of FRC

- FRS as a element part of Integrated rescue system provides emergency professional, medical, technical and other necessary help in case of emergency (Section 3 of Act no. 315/2012 Z. z. on the Fire Brigade and Rescue Corps, as amended)
- Ministry of Healthcare (decision of No. Z19207-2011-OP dated 07.04.2011), authorized the operation of outpatient health care facilities in the field of emergency medicine for FRS



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# Ambulances of FRC

- Ambulance of FRS provides emergency medical health care for employees of Mol and for other persons whose health condition require immediate medical health care during the response of FRS





# Ambulances of FRC

The crew of ambulance:

- At least two medical rescuers (the same qualification requirements as other EMS)



The added value:

- EMS in dangerous condition
- Using own resources for preventive presence of EMS during incidents



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# Ambulances of FRC



- Equipment:
- Standard medical as EMS (Act about EMS)
- SCBA + eva facepieces
- Rope rescue equip.
- HRT – aku scissors, spreader
- Portable extinguishers
- Transport blanket for oversized person



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- Helicopter multipurpose group – Aerial dept. Of MoI + FRS
- Forest firefighting, floods, rescue op. Also in case of mass **traffic accidents**
- For **rescue in case of traffic accidents** is equipped with HRT, first aid kit



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# Preparation of personal

- Courses in College of FRS for:
- Firefighters
- Advanced Firefighters
- Dispatch officers
- Commanders
- For maintaining and other developing of knowledge and skills – annual training program, training in TC Lešť, competitions



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# Coordination



- Incident commander (FRS)
- Staff of IC (FRS + involved actors)
- Commander of medical response (EMS)
- Triage manager (EMS, FRS)
- Commander of nest of injured people (EMS)
- Commander of transport (EMS)



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# Coordination

- Exercises of IRS – FRS, EMS, Police together
- Focused mainly on coordination, communication
- Scenarios – mass traffic accidents (tunnels, buses, railway accidents,...)



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# Psychological intervention team

- In case of traumatic incident the Incident commander, the supervisor, or each member of FRS may contact the psychological intervention team
- Teams consists from 6 psychologists, 140 peers – trained in CISM
- Support to – responders, affected victims, family members
- Close cooperation with other teams – Police, EMS, Blue Angel



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# Other support to affected people

- During traffic jam caused by traffic accident, or worse winter conditions together with Red Cross, Samaritans, local municipalities providing drinking water, hot tea, warm blankets, fuel, island of better conditions (bus). After mass accident providing transport of passengers.



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# Challenges

- Developing of a system of ambulances in FRC
- Acces to accidents – traffic is behind the capacity of road infrastructure,
- Buses, vans
- Foreigners
- new energy sources,...
- Better coordination





# Thank you for your attention

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